RAISONI GROUP
a vision beyond

G H RAISONI INSTITUTE OF ENGINEERING
AND TECHNOLOGY, NAGPUR

(Approved by AICTE, New Delhi and Recognized by DTE, Maharashtra)
An Autonomous Institute Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University
Accredited by NAAC with A+ Grade

Engineering | Management | Law | Schools | Other Courses

RAISONI GROUP OF INSTITUTIONS

NAGPUR ■ PUNE ■ JALGAON ■ AMRAVATI ■ CHHINDWARA

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Department of Mechanical Engineering



MAGAZINE 2023-24

MECHNOVA

MECHNOVA

MAGAZINE
2023-24

A SNEAK PEEK INSIDE THIS ISSUE

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Vision and Mission of Institute

Vision of the Institute

To achieve excellent standards of quality education by keeping pace with rapidly changing technologies and to create technical manpower of global standards with capabilities of accepting new challenges.

Mission of the Institute

MI1 : Our efforts are dedicated to impart quality and value based education to raise satisfaction level of all stakeholders.

MI2 : Our strength is directed to create competent professionals.

MI3 : Our endeavor is to provide all possible support to promote research and development activities.

Vision and Mission of Department

Vision of the Department

To create excellence in the field of Mechanical Engineering by imparting quality education so as to develop our students to be capable of facing technological challenges.

Mission of the Department

MI1 : To impart quality teaching–learning and assessment process that ensures attainment of program outcomes

MI2 : To provide quality, innovative, and industry-relevant education that develops competent and professional mechanical engineers with strong fundamentals and problem-solving skills.

MI3 : To promote experiential and research-oriented learning through projects, internships, industry interaction, use of modern engineering tools, and to inculcate professional ethics, teamwork, communication skills, and lifelong learning to address societal and global challenges.

About the Institute

- G H Raisoni Institute of Engineering & Technology, Nagpur (GHRIET) is established in the year 2008 and is affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur. It is recognized by All India Council for Technical Education (AICTE) and is accredited by NAAC with A+ grade with a score of 3.5 in 4 point scale. GHRIETN has made its mark in the world of education by enlightening minds and empowering ambitions.
- GHRIET has become the center of learning in a short span of time. It offers a plethora of courses to suffice the educational needs of undergraduate and post graduate students. It makes sure to catalyze innovative and original thinking in the students in order to frame their success journey. Continuous evaluation, maintaining world-class standards and alterations are pursued after regular intervals in the curriculum to go hand in hand with the needs of the industry.
- Care is taken to inculcate the principles of excellence, leadership, optimism and values in students life through education empowered with knowledge and vision. The institute has a well organized library, laboratories and spacious class rooms.

Director's Desk



Dr. Vivek Kapur
Director, GHRIET Nagpur

Dear All

Greetings from the Director’s Office!

I am pleased to know that Department of Mechanical Engineering has published the Annual Magazine MechNova 2023-24.

I congratulate them for the efforts taken to exhibit the activities/achievements carried out by the department towards excellence.

It is a document highlighting the efforts of the students as well as faculty. This magazine will help them in continuing their activities/ efforts in achieving the milestones set by them in the coming time.

About the Department

- The most diverse of the engineering fields, Mechanical Engineering influences almost all facets of our life and involves several specializations. It lies at the crossroads of all the engineering disciplines. Mechanical Engineering deals with a wide variety of scientific and technological challenges, in the field of design, manufacturing, power generation, control and automation, computer simulation, environment protection, building services, aerospace and many more.
- Mechanical Engineering Department of GHRIET not only harvests scholars to design machines that are safe, reliable, and efficient, but also make aware of latest manufacturing technology to manufacture products. The department has well equipped laboratories and workshop facilities with modern sophisticated equipment. The state-of-art is learned to create skilled personal using latest machineries like 3D Printing, CNC, Robotics & High-end Software. Objective of the undergraduate program is to prepare the manpower that is globally best. The department seeks an opportunity to play a major role in producing employable engineers. We strive to ensure that all our undergraduate students have a strong education with teaming and leadership skills, involvement in student activities, and the practical background and internship experience. We believe that emphasizing these areas will make our students well qualified to take leadership roles in the future.

HOD's Desk



Mr. Tejpal C Parshiwanikar
Assistant Professor and HoD, GHRIET Nagpur

It's a matter of great satisfaction to bring forth the magazine of the Mechanical Engineering Department for the session 2023-24. The purpose of the magazine is to make everyone aware with the activities carried out throughout the year and to acquaint all with the achievements of the students and faculty.

This is our small venture and I believe this will help us in identifying the areas which we need to improve. It will help us in providing proper guidance to our budding engineers.

I appreciate the efforts put forth by the editorial board to bring out this magazine.

CONCEPTUALIZED BY:

Mr. Tejpal Parshiwanikar,
Head of Department,
Mechanical Engineering Department
G H Raisoni Institute of Engineering
& Technology, Nagpur.

CO-ORDINATED BY:

Mr. Swapnil Nishane,
Assistant professor,
Mechanical Engineering Department
G H Raisoni Institute of Engineering
& Technology, Nagpur.

EDITORIAL PANEL

Dr. Nilesh Kanojiya
Dr. Manish Gupta
Swayam Taywade (6th Sem Student)

Mechanical Department Faculties (2023-24)

Sr. No.	Name	Qualification	Designation
1	Dr. Achal Shahare	Ph. D.	Professor
2	Dr. Arvind Mahalle	Ph. D.	Professor
3	Dr. Tejpal Parshiwanikar	Ph. D.	Assistant Professor
4	Dr. Manish Gupta	Ph. D.	Assistant Professor
5	Dr. Jay Govind Varma	Ph. D.	Assistant Professor
6	Dr. Nilesh C Kanojiya	Ph. D.	Assistant Professor
7	Mr. Pratik Dhage	M.Tech, Ph. D Pursuing	Assistant Professor
8	Dr. Ritesh Sambare	Ph. D	Assistant Professor
9	Mrs. Seema Rewatkar	M.Tech	Assistant Professor
10	Mr. Swapnil Sanjay Nishane	M.Tech	Assistant Professor
11	Dr. Prashant Namdeorao Awachat	Ph.D.	Assistant Professor
12	Dr. Shrikant Arunrao Thote	Ph.D.	Assistant Professor

TOPPERS LIST Even Sem (2023-24)

Toppers According to SGPA

Semester / Section: VIII Sem Regular

Sr. No.	Roll No.	Name of Student	SGPA	CGPA
1	29	Krishna K Sedani	9.80	8.14
2	43	Rohit A Retar	9.4	6.65
3	39	Pratik G Shinde	9.2	6.25

Semester / Section: VI

Sr. No.	Roll No.	Name of Student	SGPA	CGPA
1	20231027922251200	Mayur P Dandekar	9.22	9.49
2	12	Prathesh S Khutemate	8.83	9.21
3	202	Abhishek M Donadkar	8.74	7.93

Semester / Section: IV Regular

Sr. No.	Roll No.	Name of Student	SGPA	CGPA
1	67	Kapil N Bhuteshwar	9.25	8.43
2	20231027922809M59	Yash R Gajbhiye	8.95	7.36
3	20231027922761M8	Ayush N Chopade	8.8	8.35

TOPPERS LIST Odd Sem (2023-24)

Toppers According to SGPA

Semester / Section: VII

Sr. No.	Roll No.	Name of Student	SGPA	CGPA
1	50	Saurabh R Ganar	9.35	7.11
2	29	Krishna K Sedani	9.2	7.91
3	19	Dnyanessh P Bidkar	9	7.98

Semester / Section: V

Sr. No.	Roll No.	Name of Student	SGPA	CGPA
1	216	Mayur P Dandekar	9.48	9.58
2	220	Suraj P. Mankar	9.4	9.15
3	215	Manthan R Mandwe	9.04	9.02

Semester / Section: III

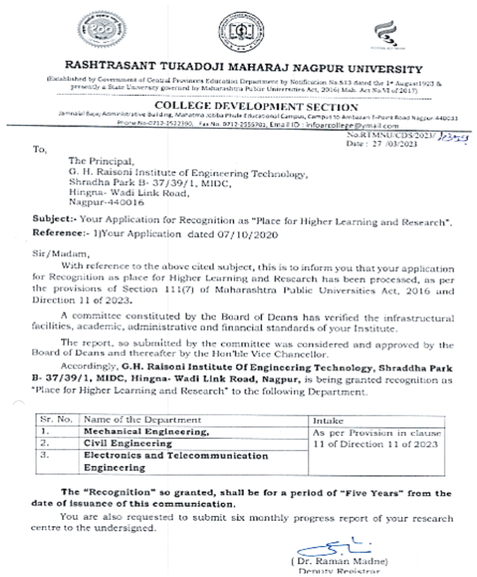
Sr. No.	Roll No.	Name of Student	SGPA	CGPA
1	M7	Ayush N Chopade	8.20	8.19
2	67	Kapil N. Bhuteshwar	7.6	7.6
3	66	Sujal V Kolarkar	7.5	7.5

MESA Student Members List 2023-24

Sr. No.	Post	Name of Student
1	President	Krishna Sedani
2	Vice-President	Abhishek Godbole
3	Secretary	Swayam Taywade
4	Treasurer	Akash Nageshwar
5	Technical Event In Charge	Siddhant Patil
6	Cultural Event In Charge	Atharva Telse
7	Sports In Charge	Siddhesh Channe
8	Discipline In Charge	Rachit Thulkar
9	Speakers	Prathmesh Khutemate
10	Girls Representative	Payal Meshram

Recognition as Ph. D. Research Center

Experts/ Guest Lecture



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

(Established by Government of Central Provinces Education Department by Notification No.813 dated the 1st August 1923 & presently a State University governed by Maharashtra Public Universities Act, 2016) Mah. Act No.VI of 2017)

COLLEGE DEVELOPMENT SECTION

Jamnalal Bajaj Administrative Building, Mahatma Gandhi Hindi Educational Campus, Campus to Amravati T-Point Road Nagpur-440033
Phone No.0712-2523390, Fax No. 0712-2555783, Email ID - infocollege@rtmnu.com

No.RTMNU/CDS/2023/ 4359
Date : 27 /03/2023

To,

The Principal,
G. H. Raisoni Institute of Engineering Technology,
Shraddha Park B- 37/39/1, MIDC,
Hingna- Wadi Link Road,
Nagpur-440016

Subject:- Your Application for Recognition as "Place for Higher Learning and Research".
Reference:- 1)Your Application dated 07/10/2020

Sir/Madam,

With reference to the above cited subject, this is to inform you that your application for Recognition as place for Higher Learning and Research has been processed, as per the provisions of Section 111(7) of Maharashtra Public Universities Act, 2016 and Direction 11 of 2023.

A committee constituted by the Board of Deans has verified the infrastructural facilities, academic, administrative and financial standards of your Institute.

The report, so submitted by the committee was considered and approved by the Board of Deans and thereafter by the Hon'ble Vice Chancellor.

Accordingly, **G.H. Raisoni Institute Of Engineering Technology, Shraddha Park B- 37/39/1, MIDC, Hingna- Wadi Link Road, Nagpur,** is being granted recognition as "Place for Higher Learning and Research" to the following Department.

Sr. No.	Name of the Department	Intake
1.	**Mechanical Engineering.**	As per Provision in clause 11 of Direction 11 of 2023
2.	**Civil Engineering**	
3.	**Electronics and Telecommunication Engineering**	

The "Recognition" so granted, shall be for a period of "Five Years" from the date of issuance of this communication.

You are also requested to submit six monthly progress report of your research centre to the undersigned.

(Dr. Raman Madne)
Deputy Registrar

RTMNU has given approval to Department of Mechanical Engineering, GHRIET as "Place for Higher Learning & Research (Ph. D.)", from session 2023-24 vide letter no. RTMNU/CDS/2023/4359 dated 27th March 2023

MAJOR EVENTS

Experts/ Guest Lecture



Seminar on topic “Carrier after Engineering by Top Ranker Institute, Nagpur” by Mr. Abhishek Soni, on 18th April, 2024



Expert lecture on the topic “Overview of CFD” under the course “Fluid Mechanics and Hydraulic Machines” for all the B. Tech. students on 5th April 2024 by Dr. Rajendra Prasad Soni, Assistant Professor, VNIT, Nagpur.



Expert Lecture on topic: “Intelligent Fault Detection of Mechanical System- A Case Study” by Dr. Prasad V Kane, Assistant Professor, Mechanical Engineering, VNIT Nagpur, 5th Sept. 2023.



Expert Lecture on topic “Product Development” by Mr. Ashutosh Raole, Product Design Engineer, Metal Fabric (LLC), UAE on dated 15th Sept 2023



Expert Lecture on “Industrial Robotics, Automation & its Future Opportunity” by Robotics Dept., RTMNU, Nagpur on dated 11th Oct 2023

Experts Seminars/Workshop / Carrier Guidance Programme For Students







GATE Exam Awareness Program conducted by IIT Bombay on 29th September 2023



Alumina Interaction of Mr. Prashant Patel, Asst. Manager, Kamathgiri Steels Pvt. Ltd, Raipur on 16th Aug 2023



Expert Seminar on “Solar Energy, Applications and Opportunity” by Mr. Ajinkya Nagmote, Director, Solectric Energy, Nagpur on 22nd July 23

Skill Training Programme / Workshop For Students





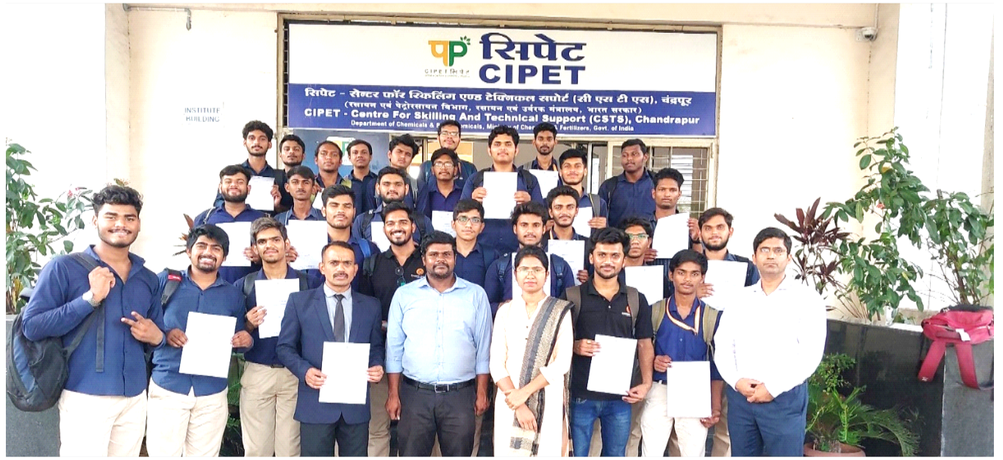
5 Days Skill Development Programme On “Innovation in Automobile Engineering & its Future” From 2nd to 6th January 2024 Supported by Ashok Leyland, STC Workshop, MIDC Hingna





One Day Skill Training Programme on “CNC Part Programming” at Indo-German Tool Room, Nagpur on 22nd April 2024

Skill Training Programme For Students Under MOU



One Day Skill Training Programme, Topic “Plastic Materials & Modern Plastic Processing Techniques” at Central Institute of Petrochemicals Engineering & Technology (CIPET), Chandrapur









Skill Training Programme on CATIA Software for Student from 18-26 July 2023 by CIPET, Chandrapur.

Skill Training Programme / Workshop / Seminar / Lecture for Students









5 Days Skill Training Programme on “Latest Trends in Renewable Energy” in collaboration with Solectrik Energy, Nagpur for the students of B. Tech. of Mechanical Engineering from 18th-22nd July 2023

5 Days Skill Training Programme on “Fundamental of Design Engineering with Hands on Practices” in Collaboration with, CADD Centre Nagpur for the students of B. Tech. of Mechanical Engineering from 18th-22nd July 2023

Industrial Visit



Industrial Visit at “Dinshaws Dairy Pvt. Ltd., MIDC Butibori ", for the students of B. Tech. 4th and 6th semester on 10th February 2024.



Industrial Visit for 6th Semester students at Sunflag Iron & Steel Company Ltd., Bhandara, Maharashtra, on 2nd March 2024.

Industrial Visit For Students



Industrial Visit for 5th Sem students at Suguna Food Industries Pvt. Ltd., Hinganghat, Wardha, on 25th September 2023



Industrial Visit at “Mahanand Dairy, Refrigeration and Cold Storage Plant, Nagpur", for the students of B. Tech. 7th semester under subject Refrigeration & Air Conditioning, MIDC, Hingna on 11th Sept 2023.





Industrial Visit for 3rd Sem students at JSW Steel Coated Product Limited, Kalmeshwar, Nagpur, on 1st and 2nd August 2023.

Alumni Interaction



Industrial Visit at “Dinshaws Dairy Pvt. Ltd., MIDC Butibori ", for the students of B. Tech. 4th and 6th semester on 10th February 2024.



Topic “Opportunities in IT industries for a Mechanical Engineer” by Mr. Swapnil Pimple (2023 batch), on 12th April 2024, working as Systems Engineer at Phone Pe Company at Pune

TECHKRUNCH -2023

2 Days National Level Technical Fest Organized “MECHOVATION” Under “TECHKRUNCH-2024”







Total 5 events were organized viz. Project Competition, Paper Presentation, Design Making Competition, Debate Competition and BGMI LAN gaming. Total 228 students from various institutes had participated in the technical fest.

Faculty Development Programme







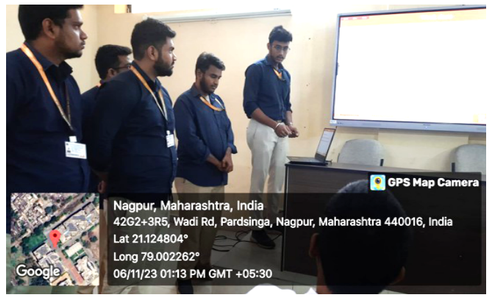
3 Days Faculty Development Programme (Self-Funded) On “Introductory FDP on Universal Human Values (UHV)” From 5th to 7th October, 2023 Supported by All India Council for Technical Education (AICTE)

Project Activities

“Project Quality Assurance Initiative” for B. Tech. Final Year Students









Invited Expert Mr. Gajanan Sharma, Technical Trainer/Incharge, Ashok Leyland, Bhandara, Maharashtra on 04th Nov 2023

Departmental Other Activities





Organized Hands on Training on “Refrigeration & Air Conditioning System” for Non-Teaching Staff On 23/03/2024

Parents-Teacher Meet

HOD-Parents Interactions - 01/03/2024









HOD-Parents Interactions - 16th Sept 2023

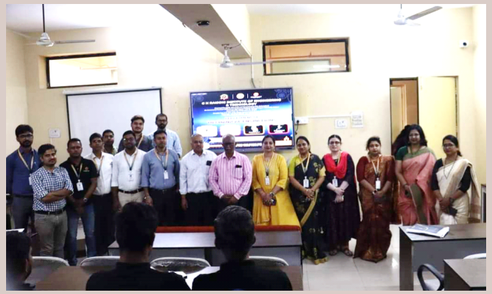








Mechanical Engineering Students

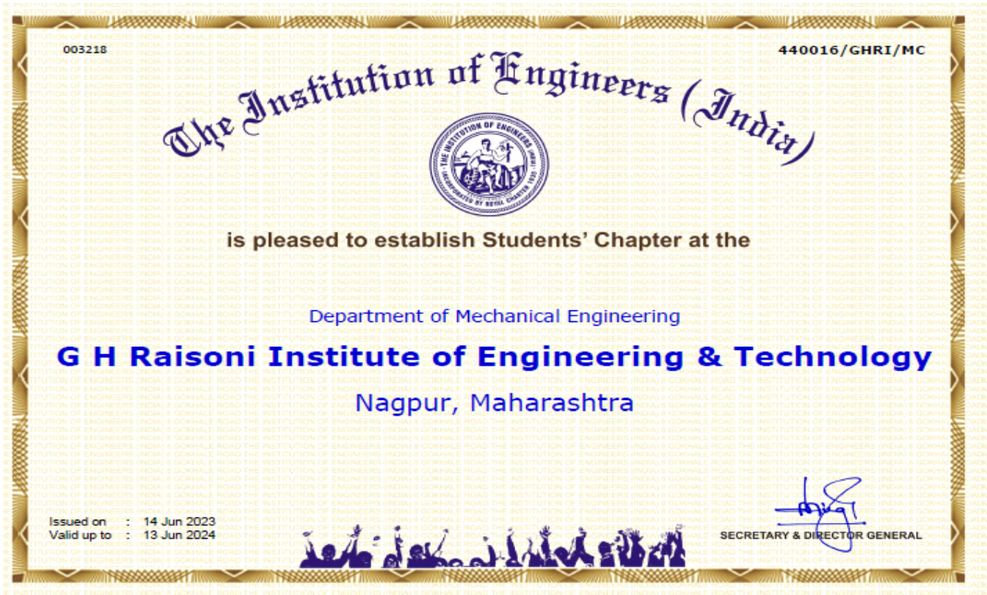







Forum Installation of Mechanical Engineering Students Association (MESA), Institution of Engineers of India (IEI) Student Chapter and Teachers day Celebration 5th Sept 2023

Departmental Certificate (IEI Student Chapter)


003218

440016/GHRI/MC

The Institution of Engineers (India)

is pleased to establish Students' Chapter at the

Department of Mechanical Engineering

G H Raisoni Institute of Engineering & Technology

Nagpur, Maharashtra

Issued on : 14 Jun 2023
Valid up to : 13 Jun 2024

SECRETARY & DIRECTOR GENERAL

Music Club Activity






Teachers Day Celebration by Music Club on 05th Sept 2023

“Box Cricket Tournament”



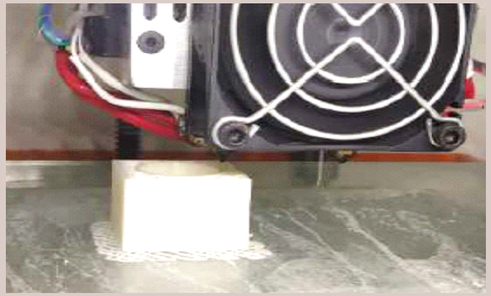





“Box Cricket Tournament” under MESA for the students of GHRIET on 4th Nov. 2023. Total 25 teams were participated.

3 D Printing Club Activity




Skill Development programme on "3 D Printing" Session on “Introduction of 3D Printing” for 1st Year Students of GHRIET, Nagpur

College Activities For Students











Departmental Activities For Students









Adventure Camp for Students On 16/03/2024

Departmental Activities For Students





National Youth Day Celebration at Swami Vivekananda Smarak, Ambazari, Nagpur 12 January 2024

Faculty Achievements

Even Sem 2023-24

- Copyright Submitted– 01 (Submitted), 04 (Registered)
- Journal Publication – 01 (SCI), Under Review 01 (SCI)
  Faculty Involved – Dr. Ritesh Sambare and Dr. Nilesh C Kanojiya Title published paper 'Productivity enchantement techniques for tubular solar still—A review'. Environ Prog Sustainable Energy. 2024;e14345. doi:10.1002/ep.14345
- Conference Participation/Publication – 03 (NIT/Private Institute)
  Faculty Involved – Dr. Nilesh C Kanojiya, Dr. Ritesh K Sambare, Mr. Pratik Dhage
- Patent Granted/ Registered by faculty – 01 (Design)
  Faculty Involved – Dr. Ritesh Sambare and Dr. Nilesh C Kanojiya
- Reviewer Certificate – 06 research paper (Elsevier, Tayler & Francis, Springer), 01 Conference Paper
  Faculty Involved – Dr. Nilesh C Kanojiya and Dr. Ritesh K Sambare
- Dr. Jaygovind Verma invited as an expert in 5 day FDP on "AI & ML applications in industries" (Hybrid Mode) organized by Anand International College of Engineering, Jaipur, Rajasthan from 15-19 April 2024.
- Mr. Pratik Dhage invited as an expert under UHV subject to deliver lecture for 1st year students at Polytechnic, GHRIET Nagpur and One week workshop on UHV for MBA Students of GHRIMR & GHRSBM.
- Mr. Pratik Dhage facilitated as Active SPOC at IIT Bombay in NPTEL, SPOC for GHRIET Nagpur. Also Received certificate of participation as SPOC GHRIET.
- Attended 02 FDP/STTP (2 Staff), 01 Workshop (3 Staff), 1 Seminar (8 Staff) Organized by AICTE, NAAC, IIT, NIT, Govt. Institutes, Private Institutes etc.
- 50 + students has participated in various events conducted by Government & Private Institutions.
- BOS member of other Institute – 03
  Faculty Involved – Dr. Tejpal C Parshiwanikar at KDK College of Engineering Nagpur
  – Dr. Achal S Shahare
  – Dr. Arvind Mahalle
- Mr. Pratik Dhage invited as an observer under 3-day Introductory UHV (Universal Human Values) Workshop, appointed by AICTE at Faculty of Engineering and Technology, DMIHER, Sawangi, Wardha from 15-17 May 2024.


राष्ट्रीय तकनीकी शिक्षक प्रशिक्षण एवं अनुसंधान संस्थान, भोपाल
(शिक्षा मंत्रालय, भारत सरकार)
National Institute of Technical Teachers' Training and Research, Bhopal
(Ministry of Education, Govt. of India)
प्रमाणपत्र
Certificate
यह प्रमाणपत्र
को इस संस्थान द्वारा आयोजित लघु अवधि प्रशिक्षण कार्यक्रम में भाग लेने पर प्रदान किया जाता है।
This certificate is awarded to
DR ACHAL S SHAHARE
G H RAISONI INSTITUTE OF ENGINEERING AND TECHNOLOGY,NAGPUR
for participating in a short term training programme conducted by this institute.
OUTCOME-BASED EDUCATION AND ACCREDITATION
08-01-2024 to 12-01-2024
Online
23-02-2024


Extracts from the Register of Copyrights
L-141684/2024



Faculty Achievements

Odd Sem 2023-24

- Copyright– 02 (Awarded), 03 (Awaited)
- Journal Publication – 01 (SCI), Under Review 02 (SCI)
  Faculty Involved –Dr. Ritesh Sambare and Mr. Nilesh C Kanojiya
- Conference Participation/Publication – 01 (SCOPUS)
- Patent Granted to Faculty – 03 (Design)
  Faculty Involved – Dr. Achal Shahare, Dr. Ritesh Sambare and Mr. Nilesh C Kanojiya
- Mr. Pratik Dhage invited and appointed as an expert under UHV subject for the 1st year induction programme at J D College (Autonomous) and RKNCE (Autonomous) Nagpur by NCCIP, AICTE.
- Mr. Pratik Dhage facilitated as Active SPOC at IIT Bombay in NPTEL SPOC for GHRIET Nagpur. Also Received certificate of participation as SPOC GHRIET.
- Attended 03 FDP/STTP (4 Staff), 01 Workshop (3 Staff), 1 Seminar (8 Staff), NPTEL Certification (3 Staff) Organized by AICTE, NAAC, IIT, NIT, Govt. Institutes, Private Institutes etc.
- B. Tech Final Year Project Title “Development And Fabrication of Mechanical Mechanism for Waste Storage System used in NMC Vehicle” got selected under Maharashtra Student Innovation Challenge-2023.
- B. Tech Final Year Project Title “Development And Fabrication of Mechanical Mechanism for Waste Storage System used in NMC Vehicle” got 1st Prize in the Project Competition held at GHRIET, Nagpur, organized by AI Dept.
- Department Box Cricket Student Team wins intercollege tournament held at YCCE Nagpur.
- 50 + students has participated in various events conducted by Government & Private Institutions.



पेटेंट कार्यालय, भारत सरकार The Patent Office, Government Of India

डिजाइन के पंजीकरण का प्रमाण पत्र | Certificate of Registration of Design

ORIGINAL

क्रम सं/ Serial No. : 140004

डिजाइन सं. / Design No.	:	390930-001
तारीख / Date	:	24/07/2023
पारस्परिकता तारीख / Reciprocity Date*	:	
देश / Country	:	

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो *SOLAR WATER DISTILLATION APPARATUS* से संबंधित है, का पंजीकरण, वेणी 23-01 में 1.Mr. Nilesh Charanlal Kanojiya 2. Dr. Achal Shankarrao Shahare 3.Dr. Ritesh Krishna Sambare के नाम से उपर्युक्त संख्या और तारीख में कर लिया गया है।

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 23-01 in respect of the application of such design to *SOLAR WATER DISTILLATION APPARATUS* in the name of 1.Mr. Nilesh Charanlal Kanojiya 2. Dr. Achal Shankarrao Shahare 3.Dr. Ritesh Krishna Sambare.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्यधीन प्रावधानों के अनुसरण में।
In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

जारी करने की तिथि Date of Issue : 03/10/2023

कंट्रोलर जनरल ऑफ पेटेन्ट्स, डिजाइन्स एवं ट्रेड मार्क्स
Controller General of Patents, Designs and Trade Marks

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The reciprocity date (if any) which has been allowed and the name of the country. Copyright in the design will subsist for ten years from the date of Registration, and may under the terms of the Act and Rules, be extended for a further period of five years. This Certificate is not for use in legal proceedings or for obtaining registration abroad.







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डिजाइन के पंजीकरण का प्रमाण पत्र | Certificate of Registration of Design

ORIGINAL

क्रम सं/ Serial No. : 138869

डिजाइन सं. / Design No.	:	380834-001
तारीख / Date	:	06/03/2023
पारस्परिकता तारीख / Reciprocity Date*	:	
देश / Country	:	

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो *SOLAR WATER DISTILLATION SYSTEM* से संबंधित है, का पंजीकरण, वेणी 23-99 में 1.Mr. Pratik V Dhage 2. Dr Siddharth S Chakrabarti 3.K Rachananjali 4.Dr. A. Bhaskaran 5.Dr .Muthuraman Subbiah 6.Dr Mohammed Asef Iqbal 7.Dr.S.Boobalan 8.Mr. Parth Mukul Gupta 9.Dr. V.Kannan के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 23-99 in respect of the application of such design to *SOLAR WATER DISTILLATION SYSTEM* in the name of 1.Mr. Pratik V Dhage 2. Dr Siddharth S Chakrabarti 3.K Rachananjali 4.Dr. A. Bhaskaran 5.Dr .Muthuraman Subbiah 6.Dr Mohammed Asef Iqbal 7.Dr.S.Boobalan 8.Mr. Parth Mukul Gupta 9.Dr. V.Kannan.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्यधीन प्रावधानों के अनुसरण में।
In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

जारी करने की तिथि Date of Issue : 07/06/2023

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डिजाइन के पंजीकरण का प्रमाण पत्र | Certificate of Registration of Design

ORIGINAL

क्रम सं/ Serial No. : 140003

डिजाइन सं. / Design No.	:	382648-001
तारीख / Date	:	31/03/2023
पारस्परिकता तारीख / Reciprocity Date*	:	
देश / Country	:	

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो *APPARATUS TO MEASURE VARIABLE SPEED-INDUCED STRAINS IN ROTATING STRUCTURES* से संबंधित है, का पंजीकरण, वेणी 10-04 में 1.Dr. Lakshman Sondhi 2. Mr. Sanjay Kumar Singh 3.Dr. Sanjay Yadav 4.Dr. Ravi Kumar Gupta 5.Dr. Royal Madan 6.Dr. Shubhankar Bhowmick 7.Dr. Pratap B Deshmukh 8.Dr. Lokesh Singh के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 10-04 in respect of the application of such design to *APPARATUS TO MEASURE VARIABLE SPEED-INDUCED STRAINS IN ROTATING STRUCTURES* in the name of 1.Dr. Lakshman Sondhi 2. Mr. Sanjay Kumar Singh 3.Dr. Sanjay Yadav 4.Dr. Ravi Kumar Gupta 5.Dr. Royal Madan 6.Dr. Shubhankar Bhowmick 7.Dr. Pratap B Deshmukh 8.Dr. Lokesh Singh.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्यधीन प्रावधानों के अनुसरण में।
In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

जारी करने की तिथि Date of Issue : 26/10/2023

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Students Achievements

Even Sem 2023-24





Mr. Krishna Kirtikumar Sedani, Akash Nageshwar, Md Raza, and Devanshu Chintole, the students of B. Tech 8th Semester, having UG Project, titled "Development and Fabrication of Mechanical Mechanism for Waste Storage System used in NMC Vehicles" has earned the prestigious title of Nagpur District level Winners in the Maharashtra Students Innovation Challenge-2023 (Initiative by Govt. of India), Under the guidance of Dr. Nilesh C Kanojiya.

Receiving the certificate and a cheque prize of Rs. 1 lac on the auspicious occasion of Republic Day, January 26, 2024, from Shri. Devendra Gangadharrao Fadnavis, Deputy Chief Minister of Maharashtra, and in the presence of Shri. Amitesh Kumar, Commissioner of Police, Nagpur City.